

Amendments to the Claims:

Please amend claims 1, 5, 7 and 10 as indicated below.

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): An arrangement for visual and quantitative three-dimensional examination of specimens, comprising:

- a stereomicroscope that defines a first and a second observation beam path, and
- a confocal scanning device is connected to the stereomicroscope thereby providing a scanning beam path wherein the confocal scanning device scans a specimen that is to be examined and acquires data for a three-dimensional visual depiction of the specimen, and
- a lens disposed before an objective of the stereomicroscope and configured to guide the scanning beam path parallel to at least one of the first and second observation beam paths between the lens and the objective.

Claim 2 (original): The arrangement as defined in Claim 1, wherein the confocal scanning device is mounted on the stereomicroscope so that the scanning beam path can be coupled into the first or into the second observation beam path.

Claim 3 (original): The arrangement as defined in Claim 2, wherein an optical coupling-in element which couples the scanning beam path into at least one of the observation beam paths is provided.

Claim 4 (original): The arrangement as defined in Claim 1, wherein the stereomicroscope is equipped with a camera port at which the confocal scanning device couples the scanning beam path into the stereomicroscope.

Claim 5 (currently amended): The arrangement as defined in Claim 1, wherein the first and second illuminating beam path and the scanning beam path are together imaged by ~~an~~ the objective of the stereomicroscope onto the specimen to be examined.

Claim 6 (original): The arrangement as defined in Claim 1, wherein the confocal scanning device is connected to a computer that analyzes the image data acquired by the confocal scanning device and displays them on a display.

Claim 7 (currently amended): A stereomicroscope for visual and quantitative three-dimensional examination of specimens, comprising:

- an objective,
- a first and a second eyepiece, wherein the objective and the first and second eyepiece defines a first and a second observation beam path, and
- a confocal scanning device is connected to the stereomicroscope thereby providing a scanning beam path wherein the confocal scanning device scans a specimen that is to be examined and acquires data for a three-dimensional visual depiction of the specimen, and
- a lens disposed before the objective and configured to guide the scanning beam path parallel to at least one of the first and second observation beam paths between the lens and the objective.

Claim 8 (original): The stereomicroscope as defined in Claim 7, wherein scanning beam path provided by the confocal scanning device scans the specimen though the objective.

Claim 9 (original): The stereomicroscope as defined in Claim 8, wherein an optical coupling-in element which couples the scanning beam path into at least one of the observation beam paths is provided.

Claim 10 (currently amended): The stereomicroscope as defined in Claim 8, wherein a camera port is provided at which the confocal scanning device is coupled to the stereomicroscope ~~and a further lens is provided before the objective to guide the scanning beam path parallel to observation beam paths.~~